Nursing 316: Applied Research*
Spring 2006

Michele August-Brady, RN, DNSc  
Associate Professor, Nursing  
Email: augustm@moravian.edu  
Office: Comenius 401  
Phone: (610) 625-7864  
Cell: (610) 554-5563  
Pager: (610) 606-3695

Maryellen Dye, RN, PhD, CRNP  
Assistant Professor, Nursing  
Email: dyem@moravian.edu  
Office: Hamilton 101  
Phone: (610) 625-7764  
Cell: (610) 216-4128  
Pager: (610) 778-9102

Class meets: Wed 8:50 – 11:00AM  
Clinical: Tuesdays and Thursdays and as needed  
Office hours: M& W 1300 - 1600

Catalog/Course Description:
A clinical practicum course in which the student collaborates with a nurse researcher in an ongoing nursing research project during one or more of the investigative phases. Students develop insight into the process and application of research in nursing practice.

Course Objectives:
1. Evaluate formal nursing research utilization within the health care context.
2. Apply research principles in an ongoing nursing research project at one or more of the investigative phases.
3. Distinguish characteristics between qualitative and quantitative research.
4. Demonstrate beginning knowledge of research methodologies, concepts and terminology.
5. Analyze research from nursing and other disciplines as a basis for practice.
6. Formulate individual strategies for involvement in nursing research as a professional nurse.

Required Texts:

* Writing Intensive Course
Recommended Readings:


Zeitz, K., & McCutcheon, H. (2003). Evidence-based practice: To be or not to be, this is the question! *International Journal of Nursing Practice, 9*, 272-279. (EbscoHost)

**Additional readings may be assigned as part of the course.**

Course Requirements:

1. Class attendance is an expectation. Students are expected to be prepared for all class meetings; that means having completed assignments prior to attending class. If unable to attend a class, please contact me an hour before class via email or phone. Any absence from class must be accompanied by an appropriate written verification of absence (doctor’s note for illness, etc). Absences without written verification will be considered as unexcused and may affect the course grade. Students are responsible for obtaining any notes, handouts, or other class items from classmates.
College policy will be followed relative to inclement weather. Please check blackboard course site for any announcements relative to weather and the cancellation of class.

2. Plagiarism is the intentional use of another’s words or ideas as your own. This can range from using another individual’s direct words or changing the words slightly (paraphrasing) without the appropriate citation to purchasing a paper from the Internet or a professional writing service. Please note that the copying of information from the Internet to a powerpoint slide presentation without acknowledgement of source is plagiarism. Evidence of plagiarism or academic dishonesty will be handled according to the college policy on academic honesty. Copies of the statement on academic dishonesty are published in the Student Handbook.

3. Learning activities stated on the topical outline section of this syllabus are to be completed prior to class time. The student can expect to work approximately 8-12 hours per week in preparing for this class.

4. Communication between instructor & student can be facilitated through the use of email. Students are expected to check their email every 24-48 hours.

5. Students with disabilities who believe that they may need accommodations in this class are encouraged to contact the Learning Services Office as soon as possible to enhance the likelihood that such accommodations are implemented in a timely fashion.

Methods of Evaluation:
Some learning activities will be non-graded but designed to facilitate thought and/or processes involved in achieving learning outcomes.

Required non-graded learning activities are as follows:

1. Blackboard Web-site
   The course web-site is NURS316 SP06. All students have been enrolled by the instructor. Announcements and assignments will be posted there during the course. It is solely the student’s responsibility for all communications, announcements, or additional assignments from the course site. This necessitates the development of routinely checking for announcements.

2. Chapter quizzes
   Intermittently, quizzes will be posted on the Blackboard course site and are to be completed prior to attending class. Failure to complete quizzes may result in a reduction in your course grade.

Portfolio Evidence should reflect the following areas:

<table>
<thead>
<tr>
<th>Community</th>
<th>Holism</th>
<th>Inquiry</th>
<th>Professionalism</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health Care Systems</td>
<td>Health</td>
<td>Critical thinking</td>
<td>Practitioner</td>
</tr>
<tr>
<td></td>
<td>Health Promotion</td>
<td>Reflectivity</td>
<td>Accountability</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Research</td>
<td>Standards</td>
</tr>
</tbody>
</table>
Graded learning activities are as follows:

1. Mini-Integrative Review of the Literature 20%
2. Mini-Integrative Review: Draft 10%
3. Research Critique(s) 30%
   a. Quantitative Study worth 15%
   b. Qualitative Study worth 15%
4. Hesi: Management/Community 10%
5. Two in-class quizzes each worth 05%
6. Dissemination of Findings 20%
   a. Oral Presentation 10%
   b. Poster Presentation & Abstract 10%

Total Percentage: 100%

Grading Policy:

1. Formal papers must be typed according to APA style (5th Ed.). Use of a computer, Internet access, and electronic searches of CINAHL and other databases are required.
2. Assignments are expected on or before their due date. At the discretion of the instructor, five points per day may be deducted from the grade if assignments are handed in late. A grade of B- or better is required in each nursing course.

The grading scale is as follows:

- A  = 93-100
- A- = 90-92
- B+ = 87-89
- B  = 83-86
- B- = 80-82
- C+ = 77-79
- C  = 73-76
- C- = 70-72
- D+ = 67-69
- D  = 60-66
- D- = 60-62
- F  = <60
# Topical Outline

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Reading</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/17/06</td>
<td>Introduction to Nursing Research</td>
<td>Ch. 1, 2</td>
</tr>
<tr>
<td></td>
<td>- Importance of Nursing Research</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Overview of the Process / Clinical</td>
<td></td>
</tr>
<tr>
<td>1/18/06</td>
<td>Identifying Problems &amp; Analyzing Existing Knowledge</td>
<td>Ch. 3, 4</td>
</tr>
<tr>
<td></td>
<td>- Research problems, questions &amp; hypotheses / Clinical</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Literature Reviews</td>
<td></td>
</tr>
<tr>
<td>1/19/06</td>
<td>Theoretical Frameworks / Clinical</td>
<td>Ch. 5</td>
</tr>
<tr>
<td>1/25/06</td>
<td>Qualitative Research -- <strong>In class quiz</strong></td>
<td>Ch. 6-7</td>
</tr>
<tr>
<td>1/26/06</td>
<td>Qualitative Critique / Clinical</td>
<td>Ch. 8</td>
</tr>
<tr>
<td>2/1/06</td>
<td>Quantitative Research - <strong>Qualitative Critique Due</strong></td>
<td>Ch. 9-11</td>
</tr>
<tr>
<td>2/2/06</td>
<td>Quantitative Critique / Clinical</td>
<td>Ch. 18</td>
</tr>
<tr>
<td>2/8/06</td>
<td>Sampling &amp; Ethical/Legal Issues – <strong>In class quiz</strong></td>
<td>Ch. 12, 13</td>
</tr>
<tr>
<td>2/15/06</td>
<td>Data Collection, Validity &amp; Reliability</td>
<td>Ch. 14 - 15</td>
</tr>
<tr>
<td>2/22/06</td>
<td>Data Analysis - <strong>Integrative Draft Due</strong></td>
<td>Ch. 16, 17</td>
</tr>
<tr>
<td></td>
<td>- Descriptive</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Inferential</td>
<td></td>
</tr>
<tr>
<td>3/1/06</td>
<td>Open Discussion (area of perceived needs)</td>
<td><strong>Quantitative Critique Due</strong></td>
</tr>
<tr>
<td>3/8/06</td>
<td>SPRING BREAK</td>
<td></td>
</tr>
<tr>
<td>3/15/06</td>
<td>NO CLASS / CLINICAL</td>
<td>I. Study</td>
</tr>
<tr>
<td>3/22/06</td>
<td>NO CLASS / CLINICAL</td>
<td>I. Study</td>
</tr>
<tr>
<td>3/29/06</td>
<td>NO CLASS / CLINICAL</td>
<td>I. Study</td>
</tr>
<tr>
<td>4/5/06</td>
<td>NO CLASS / CLINICAL</td>
<td>I. Study</td>
</tr>
<tr>
<td>4/12/06</td>
<td>Evidence-based practice</td>
<td>Ch. 19-20</td>
</tr>
<tr>
<td>4/19/06</td>
<td>Evidence-based practice (continued)</td>
<td></td>
</tr>
<tr>
<td>4/26/06</td>
<td>Testing (Hesi Management / Community; CCTDI</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Integrative Review Due</strong></td>
<td></td>
</tr>
</tbody>
</table>

January 2006